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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/529,513	03/03/2006	Gary H Posner	018890-000610US	2550
20350 TOWNSEND	7590 09/12/200 AND TOWNSEND AN		EXAMINER	
TWO EMBAR	CADERO CENTER	,	DENTZ, BERNARD !	
EIGHTH FLOOR SAN FRANCISCO, CA 94111-3834			ART UNIT	PAPER NUMBER
			1625	
			MAIL DATE	DELIVERY MODE
			09/12/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

•	Application No.	Applicant(s)				
	10/529,513	POSNER ET AL.				
Office Action Summary	Examiner	Art Unit				
•	Bernard Dentz	1625				
The MAILING DATE of this communication app Period for Reply	pears on the cover sheet with the c	orrespondence address				
A SHORTENED STATUTORY PERIOD FOR REPL WHICHEVER IS LONGER, FROM THE MAILING D  - Extensions of time may be available under the provisions of 37 CFR 1.1 after SIX (6) MONTHS from the mailing date of this communication.  - If NO period for reply is specified above, the maximum statutory period  - Failure to reply within the set or extended period for reply will, by statute Any reply received by the Office later than three months after the mailin earned patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICATION (36(a). In no event, however, may a reply be tin will apply and will expire SIX (6) MONTHS from a cause the application to become ABANDONE	N. nely filed . the mailing date of this communication. D (35 U.S.C. § 133).				
Status						
1) Responsive to communication(s) filed on						
	 s action is non-final.					
,						
closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.						
Disposition of Claims						
4)⊠ Claim(s) <u>1-86</u> is/are pending in the application	1.					
,	4a) Of the above claim(s) is/are withdrawn from consideration.					
5)⊠ Claim(s) <u>1-17,24-75,81 and 83-86</u> is/are allowed.						
6)⊠ Claim(s) <u>18-23,76-80 and 82</u> is/are rejected.						
7) Claim(s) is/are objected to.						
8) Claim(s) are subject to restriction and/o	or election requirement.					
,	4					
Application Papers						
9) ☐ The specification is objected to by the Examine	er.					
10)⊠ The drawing(s) filed on <u>3-25-2005</u> is/are: a)⊠ accepted or b)□ objected to by the Examiner.						
Applicant may not request that any objection to the	drawing(s) be held in abeyance. Se	e 37 CFR 1.85(a).				
Replacement drawing sheet(s) including the correct	ction is required if the drawing(s) is ob	jected to. See 37 CFR 1.121(d).				
11)☐ The oath or declaration is objected to by the E	xaminer. Note the attached Office	Action or form PTO-152.				
Priority under 35 U.S.C. § 119						
12) Acknowledgment is made of a claim for foreign	n priority under 35 U.S.C. § 119(a	)-(d) or (f).				
a) ☐ All b) ☐ Some * c) ☐ None of:						
1. Certified copies of the priority documents have been received.						
2. Certified copies of the priority documents have been received in Application No						
3. Copies of the certified copies of the priority documents have been received in this National Stage						
application from the International Burea	au (PCT Rule 17.2(a)).					
* See the attached detailed Office action for a list of the certified copies not received.						
•						
		•				
Attachment(s)	product,					
1) Notice of References Cited (PTO-892)	4) 🔲 Interview Summary Paper No(s)/Mail D					
2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO/SB/08)	5) Notice of Informal I					
Paper No(s)/Mail Date	6) Other:	· ( <del></del>				

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The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 18-23 and 76-80 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Only spiro rings are supported. See method of synthesis.

Therefore both lines bonds connecting D to the 3 carbon bridging group should be attached to the middle carbon of said bridging group.

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claim 82 is rejected under 35 U.S.C. 103(a) as being unpatentable over Hanes et al, cited by applicants. It teaches the esters of dihydroartemisinin useful in treating malaria. Pyridyl is the first listed example of R equal to heterocyclyl, when the latter is a heteroaryl group. The N-oxide are commonly used derivatives of pyridyl moieties in pharmaceuticals. Thus the instant compound is considered obvious.

Claims 1-17, 24-75 and 81 and 83 to 86 are deemed allowable.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Bernard Dentz whose telephone number is 571-272-0683. The examiner can normally be reached on Mon-fri from 8 to 4:30.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Janet Andres, can be reached on 571 272-0867. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Dentz

9-6-2007

PRIMARY EXAMINER